



Dryplug

Ultra-fast setting crystallizing cementitious mortar for immediate stopping of water leaks

Drykos® **Dryplug** is a single-component, ultra-fast setting, volume-stable cementitious mortar developed for the immediate stopping of water leaks and seepages in concrete and masonry structures. The product is formulated with high-reactivity hydraulic binders, specific additives, and Drykos crystallizing technology, which enables the formation of insoluble crystalline complexes within the cement matrix, capable of sealing pores and capillary micro-cracks.

Unlike traditional waterplugs, Drykos® **Dryplug** integrates an active and permanent crystallizing action that continues over time in the presence of moisture, thus ensuring the self-healing of micro-cracks, progressive reduction of permeability, and long-lasting protection against the penetration of water and aggressive agents. The product reacts rapidly, developing a high-adhesion and high-strength material, suitable even in the presence of negative hydrostatic pressure.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Density	EN 1015-6		1,925 kg/m ³
Minimum recommended thickness			10 mm
Maximum recommended thickness			60 mm
Pot life			~ 60 seconds
Mixing water			30%
Compressive strength at 10 minutes	EN 12190		2.5 N/mm ²
Compressive strength at 60 minutes	EN 12190		7 N/mm ²
Compressive strength at 28 days	EN 12190		24 N/mm ²
Flexural strength at 10 minutes	EN 196-1		1 N/mm ²
Flexural strength at 60 minutes	EN 196-1		2.4 N/mm ²
Flexural strength at 28 days	EN 196-1		5 N/mm ²
Ultrasonic pulse velocity	EN 12504-4		> 3,000 m/s

Characteristic	Test method	Standard requirements	Performance
Chloride ion content	EN 1015-17	≤ 0.05%	0,04%

NOTES

This "light" version of the technical data sheet provides a selection of the product's main descriptive and performance characteristics. While the data contained herein corresponds to our current scientific and technical knowledge, it is indicative and not exhaustive. For complete specifications, detailed technical information, conditions of use, and official updates, please refer exclusively to the full technical data sheet, available in its latest revision at www.drykos.com.

Full technical datasheet

